



JPW

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 19, 2005  
Date

Denise Sheridan  
Denise Sheridan

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|            |   |                      |                    |
|------------|---|----------------------|--------------------|
| Applicant  | : Joseph M. Jeddeloh  | Attorney Docket No.: | 33583/US           |
| Serial No. | : 10/773,520  | Group Art Unit       | : 2181             |
| Filed      | : February 5, 2004  | Examiner             | : Not yet assigned |
| Title      | : ARBITRATION SYSTEM HAVING A PACKET MEMORY AND METHOD FOR<br>MEMORY RESPONSES IN A HUB-BASED MEMORY SYSTEM |                      |                    |

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. Copies of the cited foreign patent and non-patent literature references, as required under 37 C.F.R. § 1.98(a)(2), are enclosed. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/893,709, describing and claiming subject matter that is similar to the subject matter of this application, was filed on July 15, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/963,824, describing and claiming subject matter that is similar to the subject matter of this application, was filed on October 12, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/874,698, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 22, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/813,040, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 29, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/857,467, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 28, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/625,132, describing and claiming subject matter that is similar to the subject matter of this application, was filed on July 22, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/846,988, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 14, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/848,606, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 17, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/773,518, describing and claiming subject matter that is similar to the subject matter of this application, was filed on February 5, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/861,163, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 4, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/769,079, describing and claiming subject matter that is similar to the subject matter of this application, was filed on January 30, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/861,145, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 4, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/931,326, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 31, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP



Edward W. Bulchis

Registration No. 26,847

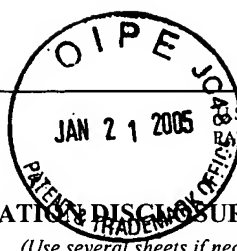
EWB:dms

Enclosures:

Postcard  
Form PTO-1449  
Cited References (4)  
Copies of Related Applications (13)

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Seattle, WA 98101  
Telephone (206) 903-8800  
Facsimile (206) 903-8820

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FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
33583/USAPPLICATION NO.  
10/773,520**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

APPLICANT(S)

**Joseph M. Jeddeloh**

FILING DATE

February 5, 2004

GROUP ART UNIT

2181

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME                | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|----------|---------------------|-------|----------|-------------------------------|
|                      | AA | 4,045,781       | 08/30/77 | Levy et al.         | 364   | 200      |                               |
|                      | AB | 4,240,143       | 12/16/80 | Besemer et al.      | 364   | 200      |                               |
|                      | AC | 4,245,306       | 01/13/81 | Besemer et al.      | 364   | 200      |                               |
|                      | AD | 4,253,144       | 02/24/81 | Bellamy et al.      | 364   | 200      |                               |
|                      | AE | 4,253,146       | 02/24/81 | Bellamy et al.      | 364   | 200      |                               |
|                      | AF | 4,707,823       | 11/17/87 | Holdren et al.      | 370   | 1        |                               |
|                      | AG | 4,724,520       | 02/09/88 | Athanas et al.      | 364   | 200      |                               |
|                      | AH | 4,930,128       | 05/29/90 | Suzuki et al.       | 371   | 12       |                               |
|                      | AI | 5,241,506       | 08/31/93 | Motegi et al.       | 365   | 210      |                               |
|                      | AJ | 5,243,703       | 09/07/93 | Farmwald et al.     | 395   | 325      |                               |
|                      | AK | 5,269,022       | 12/07/93 | Shinjo et al.       | 395   | 700      |                               |
|                      | AL | 5,317,752       | 05/31/94 | Jewett et al.       | 395   | 750      |                               |
|                      | AM | 5,319,755       | 06/07/94 | Farmwald et al.     | 395   | 325      |                               |
|                      | AN | 5,355,391       | 10/11/94 | Horowitz et al.     | 375   | 36       |                               |
|                      | AO | 5,432,823       | 07/11/95 | Gasbarro et al.     | 375   | 356      |                               |
|                      | AP | 5,461,627       | 10/24/95 | Rypinski            | 370   | 95.2     |                               |
|                      | AQ | 5,465,229       | 11/07/95 | Bechtolsheim et al. | 345   | 477      |                               |
|                      | AR | 5,479,370       | 12/26/95 | Furuyama et al.     | 365   | 189.12   |                               |
|                      | AS | 5,502,621       | 03/26/96 | Schumacher et al.   | 361   | 760      |                               |
|                      | AT | 5,566,325       | 10/15/96 | Bruce, II et al.    | 395   | 494      |                               |
|                      | AU | 5,577,220       | 11/19/96 | Combs et al.        | 395   | 416      |                               |
|                      | AV | 5,581,767       | 12/03/96 | Katsuki et al.      | 395   | 800      |                               |
|                      | AW | 5,606,717       | 02/25/97 | Farmwald et al.     | 395   | 856      |                               |
|                      | AX | 5,638,334       | 06/10/97 | Farmwald et al.     | 365   | 230.03   |                               |
|                      | AY | 5,715,456       | 02/03/98 | Bennett et al.      | 395   | 652      |                               |

EXAMINER

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\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449  
(REV.7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
33583/USAPPLICATION NO.  
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|----------------------|----|-----------------|----------|----------------------|-------|----------|-------------------------------|
|                      | AZ | 5,729,709       | 03/17/98 | Harness              | 395   | 405      |                               |
|                      | BA | 5,819,304       | 10/06/98 | Nilsen et al.        | 711   | 5        |                               |
|                      | BB | 5,832,250       | 11/03/98 | Whittaker            | 395   | 471      |                               |
|                      | BC | 5,928,343       | 07/27/99 | Farmwald et al.      | 710   | 104      |                               |
|                      | BD | 5,966,724       | 10/12/99 | Ryan                 | 711   | 105      |                               |
|                      | BE | 5,973,935       | 10/26/99 | Schoenfeld et al.    | 361   | 813      |                               |
|                      | BF | 5,973,951       | 10/26/99 | Bechtolsheim et al.  | 365   | 52       |                               |
|                      | BG | 5,978,567       | 11/02/99 | Rebane et al.        | 395   | 200.49   |                               |
|                      | BH | 6,023,726       | 02/08/00 | Saksena              | 709   | 219      |                               |
|                      | BI | 6,029,250       | 02/22/00 | Keeth                | 713   | 400      |                               |
|                      | BJ | 6,061,296       | 05/09/00 | Ternullo, Jr. et al. | 365   | 233      |                               |
|                      | BK | 6,076,139       | 06/13/00 | Welker et al.        | 711   | 104      |                               |
|                      | BL | 6,098,158       | 08/01/00 | Lay et al.           | 711   | 162      |                               |
|                      | BM | 6,125,431       | 09/26/00 | Kobayashi            | 711   | 154      |                               |
|                      | BN | 6,175,571 B1    | 01/16/01 | Haddock et al.       | 370   | 423      |                               |
|                      | BO | 6,185,352 B1    | 02/06/01 | Hurley               | 385   | 114      |                               |
|                      | BP | 6,191,663 B1    | 02/20/01 | Hannah               | 333   | 17.3     |                               |
|                      | BQ | 6,247,107 B1    | 06/12/01 | Christie             | 711   | 216      |                               |
|                      | BR | 6,249,802 B1    | 06/19/01 | Richardson et al.    | 709   | 200      |                               |
|                      | BS | 6,294,937 B1    | 09/25/01 | Crafts et al.        | 327   | 158      |                               |
|                      | BT | 6,370,068 B2    | 04/09/02 | Rhee                 | 365   | 196      |                               |
|                      | BU | 6,401,213 B1    | 06/04/02 | Jeddeloh             | 713   | 401      |                               |
|                      | BV | 6,405,280 B1    | 06/11/02 | Ryan                 | 711   | 105      |                               |
|                      | BW | 6,430,696 B1    | 08/06/02 | Keeth                | 713   | 503      |                               |

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|----------------------|----|-----------------|----------|---------------------|-------|----------|-------------------------------|
|                      | BX | 6,434,696 B1    | 08/13/02 | Kang                | 713   | 2        |                               |
|                      | BY | 6,434,736 B1    | 08/13/02 | Schaecher et al.    | 716   | 17       |                               |
|                      | BZ | 6,438,622 B1    | 08/20/02 | Haghighi et al.     | 710   | 1        |                               |
|                      | CA | 6,449,308 B1    | 09/10/02 | Knight, Jr. et al.  | 375   | 212      |                               |
|                      | CB | 6,453,393 B1    | 09/17/02 | Holman et al.       | 711   | 154      |                               |
|                      | CC | 6,479,322 B2    | 11/12/02 | Kawata et al.       | 438   | 109      |                               |
|                      | CD | 6,490,188 B2    | 12/03/02 | Nuxoll et al.       | 365   | 63       |                               |
|                      | CE | 6,501,471 B1    | 12/31/02 | Venkataraman et al. | 345   | 424      |                               |
|                      | CF | 6,594,722 B1    | 07/15/03 | Willke, II et al.   | 710   | 313      |                               |
|                      | CG | 6,598,154 B1    | 07/22/03 | Vaid et al.         | 712   | 237      |                               |
|                      | CH | 6,615,325 B2    | 09/02/03 | Mailloux et al.     | 711   | 154      |                               |
|                      | CI | 6,628,294 B1    | 09/30/03 | Sadowsky et al.     | 345   | 568      |                               |
|                      | CJ | 6,629,220 B1    | 09/30/03 | Dyer                | 711   | 158      |                               |
|                      | CK | 6,646,929 B1    | 11/11/03 | Moss et al.         | 365   | 194      |                               |
|                      | CL | 6,658,509 B1    | 12/02/03 | Bonella et al.      | 710   | 100      |                               |
|                      | CM | 6,662,304 B2    | 12/09/03 | Keeth et al.        | 713   | 400      |                               |
|                      | CN | 6,667,895 B2    | 12/23/03 | Jang et al.         | 365   | 63       |                               |
|                      | CO | 6,697,926 B2    | 02/24/04 | Johnson et al.      | 711   | 167      |                               |
|                      | CP | 6,718,440 B2    | 04/06/04 | Maiyuran et al.     | 711   | 137      |                               |
|                      | CQ | 6,721,195 B2    | 04/13/04 | Brunelle et al.     | 365   | 63       |                               |
|                      | CR | 6,724,685 B2    | 04/20/04 | Braun et al.        | 365   | 233      |                               |
|                      | CS | 6,728,800 B1    | 04/27/04 | Lee et al.          | 710   | 54       |                               |
|                      | CT | 6,735,679 B1    | 05/11/04 | Herbst et al.       | 711   | 167      |                               |
|                      | CU | 6,735,682 B2    | 05/11/04 | Segelken et al.     | 711   | 220      |                               |
|                      | CV | 6,745,275 B2    | 06/01/04 | Chang               | 710   | 305      |                               |

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|   |  |  |                                      |
|---|--|--|--------------------------------------|
| FORM PTO-1449<br>(REV. 7-80)  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br><b>33583/US</b>        | APPLICATION NO.<br><b>10/773,520</b> |
| <b>INFORMATION DISCLOSURE STATEMENT</b><br><i>(Use several sheets if necessary)</i> |  | APPLICANT(S)<br><b>Joseph M. Jeddelloh</b> |                                      |
|   |  | FILING DATE<br><b>February 5, 2004</b>     | GROUP ART UNIT<br><b>2181</b>        |

### U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME              | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
|                      | CW | 6,751,703 B2    | 06/15/04 | Chilton           | 711   | 113      |                               |
|                      | CX | 6,754,812 B1    | 06/22/04 | Abdallah et al.   | 712   | 234      |                               |
|                      | CY | 6,756,661 B2    | 06/29/04 | Tsuneda et al.    | 257   | 673      |                               |
|                      | CZ | 6,760,833 B1    | 07/06/04 | Dowling           | 712   | 34       |                               |
|                      | DA | 6,771,538 B2    | 08/03/04 | Shukuri et al.    | 365   | 185.05   |                               |
|                      | DB | 6,775,747 B2    | 08/10/04 | Venkatraman       | 711   | 137      |                               |
|                      | DC | 6,789,173 B1    | 09/07/04 | Tanaka et al.     | 711   | 147      |                               |
|                      | DD | 6,792,059 B2    | 09/14/04 | Yuan et al.       | 375   | 354      |                               |
|                      | DF | 6,792,496 B2    | 09/14/04 | Aboulenein et al. | 710   | 306      |                               |
|                      | DF | 6,795,899 B2    | 09/28/04 | Dodd et al.       | 711   | 137      |                               |
|                      | DG | 6,799,246 B1    | 09/28/04 | Wise et al.       | 711   | 117      |                               |
|                      | DH | 6,799,268 B1    | 09/28/04 | Boggs et al.      | 712   | 228      |                               |
|                      | DI | 6,804,760 B2    | 10/12/04 | Williams          | 711   | 170      |                               |
|                      | DJ | 6,804,764 B2    | 10/12/04 | LaBerge et al.    | 711   | 170      |                               |
|                      | DK | 6,807,630 B2    | 10/19/04 | Lay et al.        | 713   | 2        |                               |
|                      | DL | 6,816,947 B1    | 11/09/04 | Huffman           | 711   | 151      |                               |
|                      | DM | 6,820,181 B2    | 11/16/04 | Jeddelloh et al.  | 711   | 169      |                               |
|                      | DN | 6,823,023 B1    | 11/23/04 | Hannah            | 375   | 296      |                               |
|                      | DO | 2001/0039612 A1 | 11/08/01 | Lee               | 713   | 2        |                               |
|                      | DP | 2002/0116588 A1 | 08/22/02 | Beckert et al.    | 711   | 161      |                               |
|                      | DQ | 2003/0043158 A1 | 03/06/03 | Wasserman et al.  | 345   | 545      |                               |
|                      | DR | 2003/0093630 A1 | 05/15/03 | Richard et al.    | 711   | 154      |                               |
|                      | DS | 2003/0163649 A1 | 08/28/03 | Kapur et al.      | 711   | 146      |                               |
|                      | DT | 2003/0177320 A1 | 09/18/03 | Sah et al.        | 711   | 158      |                               |
|                      | DU | 2003/0193927 A1 | 10/16/03 | Hronik            | 370   | 351      |                               |

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| FORM PTO-1449<br>(REV. 7-80)  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br><b>33583/US</b>        | APPLICATION NO.<br><b>10/773,520</b> |
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|   |  | FILING DATE<br><b>February 5, 2004</b>     | GROUP ART UNIT<br><b>2181</b>        |

### U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME                 | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|----------|----------------------|-------|----------|-------------------------------|
|                      | DV | 2004/0022094 A1 | 02/05/04 | Radhakrishnan et al. | 365   | 200      |                               |

### FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|----------|---------|-------|----------|-------------|----|
|  |    |                 |          |         |       |          | YES         | NO |
|  | DW | WO 93/19422     | 09/30/93 | PCT     |       |          |             |    |
|  | DX | EP0849685A2     | 06/24/98 | EP      |       |          |             |    |
|  | DY |                 |          |         |       |          |             |    |
|  | DZ |                 |          |         |       |          |             |    |
|  | EA |                 |          |         |       |          |             |    |

### OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

|  |    |   |
|--|----|---|
|  | EB | Intel, "Flash Memory PCI Add-In Card for Embedded Systems", Application Note AP-758, September, 1997, pp. i-13. |
|  | EC | Shanley, T. et al., "PCI System Architecture", Third Edition, Mindshare, Inc., 1995, pp. 24-25.                 |

|          |                 |
|----------|-----------------|
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